

**Application to the Chesapeake Bay Board
Water Quality Impact Assessment**

Pursuant to §23.2-13 and 23.2-16, York County Chesapeake Bay Preservation Areas Ordinance

Date: received 3/2/10
CB: 2010 - 07

1. Applicant: Joseph Bell
Address: 116 Cove Drive
Phone Number: (757) 898-8567
2. Property Owner (if different from applicant): Same as applicant
Address: _____
Phone Number: _____
3. Property Address: 116 Cove Drive
4. Parcel Identification (GPIN): V08b-2702-4949

ATTACH the following information:

- Current survey with dimensions of lot and location and dimensions of any existing buildings, driveways, decks, sidewalks, etc.
- Location of on-site sewage disposal system (if applicable)
- Location of shoreline, wetlands, stream and Resource Protection Area boundary
- Location and dimensions of proposed additions or alterations
- Area of land disturbance, clearing, grading and fill
- Erosion and Sediment Control measures
- Location and dimensions of BMP and supporting calculations
- Location of permanent signs and temporary construction fencing
- Location, type and size of existing trees and vegetation in RPA
- Designation of trees to remain and trees to be removed in RPA
- Buffer restoration and replacement planting location and detail
- Executed BMP Maintenance Agreement
- Any additional supporting information

5. Appeal to Staff Decision? _____ Order? _____ Requirement? _____ Exception ✓
6. For appeals, provide section reference & description: (attach additional paper if necessary) _____

7. Exception Request? ✓ Yes _____ No, provide section reference _____
8. Was this lot/parcel created prior to October 1, 1989? ✓ Yes _____ No
9. Is this lot/parcel impacted by a perennial stream determination? ✓ Yes _____ No

10. In what flood zone is this lot located? AE (7.7')
If this property or any portion of the property is Flood Zones A, AE, V or VE, please consult the Building Regulations Division (890-3522) for Construction Requirements in a Flood Zone.
11. Does County sanitary sewer serve this lot or is an on-site wastewater disposal system necessary? Sanitary sewer provided by York County
If this property will be served by an on-site wastewater disposal system, please consult the Health Department.
12. Description of the Proposed Project: MBR, FR & Deck addition for handicap access
13. Area of lot above water/wetlands in square feet (sq. ft.): 23,056 s.f.
14. Area of impervious surfaces: sidewalk, driveway, building footprint, deck, pool, patio, etc.:
In RPA (sq. ft.): 4,073 s.f.
In RMA (sq. ft.): 2,904 s.f.
Total Area (sq. ft.): 6,977
15. Percentage of impervious cover: divide #14 (Total Area) by #13, multiply by 100: 30%

Please check all that apply or supply quantities for the following:

16. Project Location:
☒ a. Resource Management Area (RMA)
☒ b. Resource Protection Area (RPA)
 ☒ Landward 50-feet of Buffer Area
 ___ Seaward 50-feet of Buffer Area
17. Will the project require any of the following?
☒ a. Excavation ☒ b. Filling ☒ c. Grading
18. Materials to be used to cover land surface:
☒ a. Decking ☒ b. Roof ___ c. Concrete ___ d. Asphalt
___ e. Pavers ___ f. Gravel ___ g. Stone/Brick ___ h. Other
19. Existing Site Conditions:
___ a. Heavily Wooded ___ h. Understory/brush
☒ b. Sparsely Wooded ___ i. Leaves/needles
___ c. No Trees ___ j. Bare Soil
___ d. Marsh/Swamp ___ k. Eroding soils/shoreline
☒ e. Stream ☒ l. Waterfront Property
___ f. Ravine or Ditch ☒ m. Paved
☒ g. Grass/Lawn ___ n. Other: _____

20. Impacts on Existing Vegetation:
- 0 a. Number of trees greater than 3" diameter removed within 50-feet of waters/wetlands
 - 0 b. Number of trees greater than 6" diameter removed between 50-feet and 100-feet of water/wetlands
 - 0 c. Approximate square footage of understory/brush/leaves/needles removed
 - 0 d. Number of trees to be heavily pruned
 - 0 e. Number of dead or diseased trees removed
 - f. Other: _____
21. Proposed Methods to Minimize Site Impacts:
- ☒ a. Tree protection/barriers
 - ☒ b. Limit construction activity to flat areas of site
 - c. Single construction/access way
 - d. Stockpile construction materials and debris on hard surfaces
 - ☒ e. Barriers to define limits of construction activity/land disturbance
 - ☒ f. New structure situated on lot so as to minimize the encroachment into the RPA
 - g. Any other methods? Please describe: _____
22. Proposed Mitigation Measures:
- ☒ a. Best Management Practices (BMP) utilized:
 - ☒ Infiltration planting bed (mulch bed BMP)
 - 6,977 Square footage of mulch beds
 - Number of new trees proposed, (sq. ft. mulch / 100) x 1
 - Number of new shrubs proposed, (sq. ft. mulch / 100) x 3
 - Dry well Infiltration Trench / French Drain (Attach Detail)
 - Grass swale with check dams
 - Other
 - ☒ b. Buffer Restoration and Replacement Vegetation:
 - 8 Trees
 - 8 Shrubs
 - ☒ c. Erosion and sediment control structures utilized.
 - ☒ Silt fence
 - ☒ Construction entrance
 - Sand and gravel under deck treatment
 - Other: _____
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23. Please describe the steps to be taken for project construction including any protection and mitigation measures proposed along with the Construction Sequence of the project: (Example: obtain permits, install silt fence and tree protection, build house, plant new trees, etc.)
- Obtain approval from YV Chesapeake Bay Board, obtain permits and record BMP
- Maintenance Agreement, install silt fence, construct addition, install required vegetation
- (trees, shrubs & mulch beds) obtain Certificate of Occupancy from York County.

24. Are you seeking or have you already obtained permits from other local, state or federal agencies in conjunction with this project? ____ Yes ☒ No If yes, please describe:

25. Can you avoid locating the project in the Resource Protection Area (Within 100-feet of the water/wetlands)? ____ Yes ☒ No

26. Is there suitable area on the site to do so? ____ Yes ☒ No

27. Describe why this project or appeal deserves special consideration:
